

10/518,221

=> d his; d tot ibib abs hitstr

(FILE 'HOME' ENTERED AT 21:17:32 ON 29 SEP 2006)

FILE 'REGISTRY' ENTERED AT 21:17:47 ON 29 SEP 2006

L1 STRUCTURE uploaded  
L2 QUE L1  
L3 STRUCTURE uploaded  
L4 QUE L3  
L5 63 S L4 FUL

FILE 'CAPLUS' ENTERED AT 21:23:43 ON 29 SEP 2006

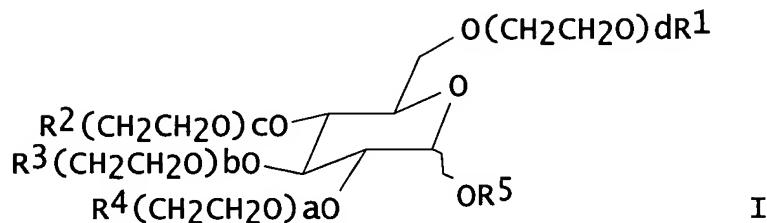
L6 330 S L5  
L7 687 S (ALKYL(2W)GLUCOSIDE#)/IA  
L8 15 S L6 AND L7

L8 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2004:2902 CAPLUS  
DOCUMENT NUMBER: 140:42421  
TITLE: Preparation of glycoside fatty acid esters of ethoxylated alkyl glucosides via esterification useful as re-fattening agent in cosmetic formulation  
INVENTOR(S): Barbeito, Carmella A.; Polovsky, Stuart Barry;  
PATENT ASSIGNEE(S): Kreeger, Lowell Union Carbide Chemicals & Plastics Technology Corporation, USA; Amerchol Corporation  
SOURCE: PCT Int. Appl., 13 pp.  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

*Sp. 1*

PATENT NO.	KIND	DATE	APPLICATION NO.
DATE			
-----	-----	-----	-----
20030613 WO 2004000862	A1	20031231	WO 2003-US18720
CH, CN, GH, GM, LS, LT, PL, PT, UG, US,	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UZ, YU, ZA, ZM, ZW		

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI,  
 SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,  
 TD, TG  
 AU 2003240002 A1 20040106 AU 2003-240002  
 20030613 EP 1513855 A1 20050316 EP 2003-734581  
 20030613 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,  
 MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU,  
 SK US 2006099165 A1 20060511 US 2005-518221  
 20050829 PRIORITY APPLN. INFO.: US 2002-390074P P  
 20020619 WO 2003-US18720 W  
 20030613  
 OTHER SOURCE(S): MARPAT 140:42421  
 GI



AB A mixture of fatty acid esters of ethoxylated alkyl glucosides I, wherein the sum of a-d is from 10 to 60, each R1-R4 independently is hydrogen or -C(O)-M, wherein M is a C11-C29 alkyl or alkenyl, and R5 is a C1-C5 alkyl, provided that the ethoxylated alkyl glucoside on the average comprises from 2.1 to 2.8 -C(O)-M groups. is useful as a re-fattening agent in cosmetic formulations.

Thus, esterification of ethoxylated Me glucoside with Me oleate gave the corresponding fatty acid ester which were tested as re-fattening agent in cosmetic formulation. A study panel of 20 people washed both hands with brand name soap bar, and then placed a latex glove on one hand and washed the other hand with approx. one gram of either the formulation from one of

10/518,221

the title glucosides. The panelist noted the quality and quantity of foam and feel of the foam.

IT 53026-67-8P 637009-33-7P

RL: COS (Cosmetic use); IMF (Industrial manufacture); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

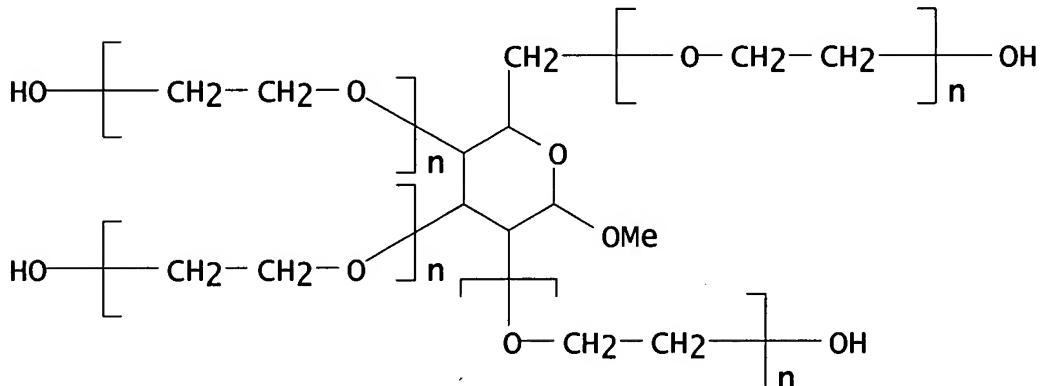
USES (Uses)

(preparation of glycoside fatty acid esters of ethoxylated alkyl

glucosides via esterification useful as re-fattening agent in cosmetic formulation)

RN 53026-67-8 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with methyl D-glucopyranoside (4:1) (9CI) (CA INDEX NAME)



RN 637009-33-7 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with methyl D-glucopyranoside (4:1), (9Z)-9-octadecenoate (9CI) (CA INDEX NAME)

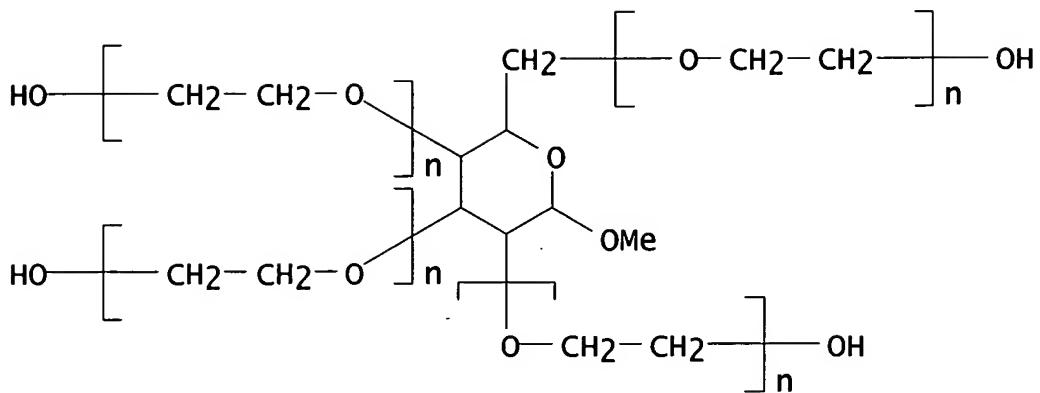
CM 1

CRN 53026-67-8

CMF (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> C<sub>7</sub> H<sub>14</sub> O<sub>6</sub>

CCI PMS

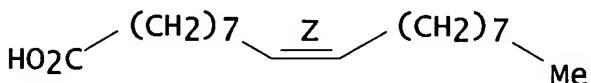
10/518,221



CM 2

CRN 112-80-1  
CMF C18 H34 O2

Double bond geometry as shown.



REFERENCE COUNT:  
FOR THIS

4

THERE ARE 4 CITED REFERENCES AVAILABLE  
RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L8 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2001:704918 CAPLUS  
DOCUMENT NUMBER: 135:258882  
TITLE: Polyoxyalkylene alkyl glucoside  
cream cleaning compositions  
INVENTOR(S): Imasu, Toshiaki  
PATENT ASSIGNEE(S): Fanci Corporation, Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
-----	-----	-----	-----	-----
-----	JP 2001262186 20000315	A2	20010926	JP 2000-71469
	JP 3552984	B2	20040811	JP 2000-71469
PRIORITY APPLN. INFO.:	20000315			

10/518,221

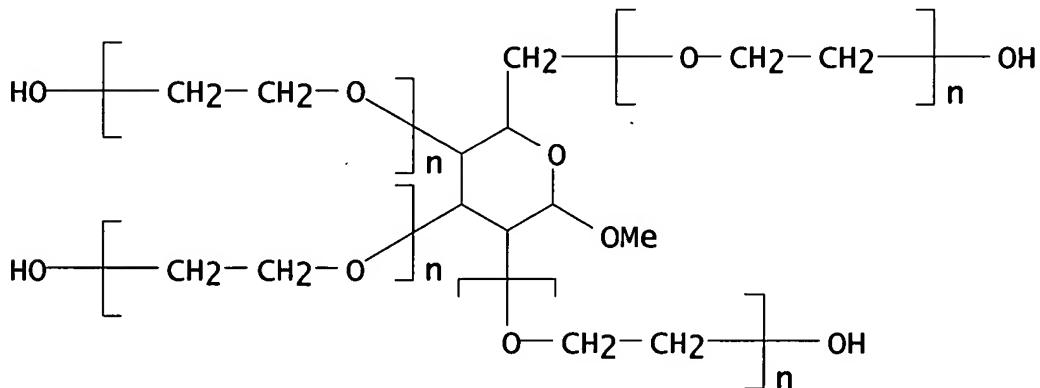
AB Title compns. comprise polyoxyalkylene alkyl glucoside and contains no polyoxybutylene polyglycerin monoalkyl ether. Thus, a compns. comprising polyoxyethylene Me glucoside 10, N-myristoyl-L-glutamic acid calcium salt 15, coconut oil fatty acid methyltaurine sodium salt 5, diglycerin 3, 1,3-butylene glycol 25, polyethylene glycol 200 10, sorbitol 3%, some amino acids, and distilled water gave a cream cleaning composition

IT 53026-67-8

RL: TEM (Technical or engineered material use); USES (Uses) (polyoxyalkylene alkyl glucoside cream cleaning compns.)

RN 53026-67-8 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with methyl D-glucopyranoside (4:1) (9CI) (CA INDEX NAME)



L8 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2000:830114 CAPLUS  
DOCUMENT NUMBER: 134:21269  
TITLE: Storage-stable hair-conditioning shampoos  
containing 1-hydroxy-2-pyridones  
INVENTOR(S): Suzuki, Hiroshi; Niimi, Atsushi  
PATENT ASSIGNEE(S): Lion Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
	-----	-----	-----	-----
	-----	-----	-----	-----
19990518	JP 2000327539	A2	20001128	JP 1999-137632

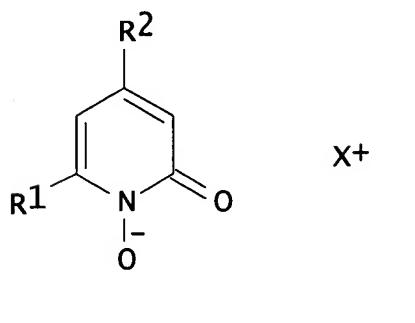
PRIORITY APPLN. INFO.:

19990518

OTHER SOURCE(S):  
GI

JP 1999-137632

MARPAT 134:21269



AB Shampoos contain 1-hydroxy-2-pyridones I (R1 = alkyl, alkenyl, cycloalkyl, bicycloalkyl, cycloalkyl-alkyl, C6-14 aryl, aralkyl, arylalkenyl, aryloxyalkyl, arylmercaptoalkyl, benzhydryl, phenylsulfonylalkyl, furyl, furylalkenyl; R2 = H, alkyl, alkenyl, alkynyl, halo, Ph, benzyl; X = organic salt group, alkali metal ion, ammonium ion, di- to tetravalent cation), silicone oils, glycyrrhetic acids and/or glycyrrhizic acids, and hydrophilic nonionic surfactants. A shampoo containing Na  $\alpha$ -olefinsulfonate 10, alkylamidopropylbetaine 5, polyoxyethylene hydrogenated castor oil 3, fatty acid diethanolamide 2, dimethylpolysiloxane 3, I (R1 = Me<sub>3</sub>CCH<sub>2</sub>CHMeCH<sub>2</sub>, R2 = Me, X+ = H<sub>3</sub>N+CH<sub>2</sub>CH<sub>2</sub>OH) 0.5, stearyl glycyrrhetate 0.2, cationized cellulose 0.1, diallyldimethylammonium chloride-acrylamide copolymer 0.5 0.5, Na<sub>2</sub>SO<sub>4</sub> 0.8, Na benzoate 0.5, pigments 0.0002, perfume 0.5, citric acid 0.2, and H<sub>2</sub>O to 100 weight% showed no apparent changes after repeated freezing-thawing and gave a good feel to the hair.

IT 91776-00-0  
RL: BUU (Biological use, unclassified); BIOL (Biological study);

USES

(Uses)

(storage-stable hair-conditioning shampoos containing 1-hydroxy-2-pyridones, silicone oil, glycyrrhetates and/or glycyrrhizates, and surfactants)

RN 91776-00-0 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with methyl D-glucopyranoside (4:1), di-(9Z)-9-octadecenoate (9CI)  
(CA INDEX)

10/518,221

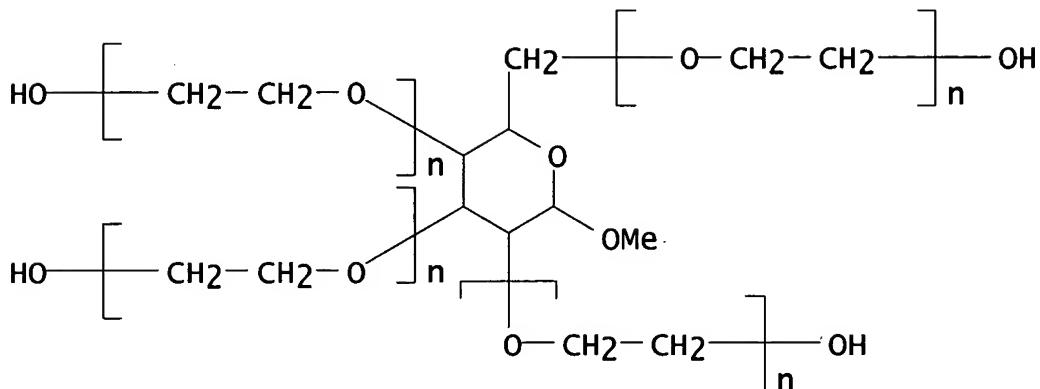
NAME)

CM 1

CRN 53026-67-8

CMF (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> C<sub>7</sub> H<sub>14</sub> O<sub>6</sub>

CCI PMS

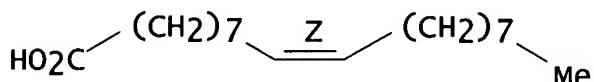


CM 2

CRN 112-80-1

CMF C<sub>18</sub> H<sub>34</sub> O<sub>2</sub>

Double bond geometry as shown.



L8 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1997:697712 CAPLUS

Correction of: 1997:449061

DOCUMENT NUMBER: 127:294992

Correction of: 127:83133

TITLE:

Liquid cleaning compositions containing long

chain

acyl neutral amino acids

Sano, Keigo; Tagawa, Kergo

PATENT ASSIGNEE(S): Ajinomoto Co., Inc., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.  
DATE

KIND DATE

APPLICATION NO.

-----  
-----  
JP 09157700  
19951211A2  
JP 3567566  
B2

19970617

JP 1995-321943

20040922

JP 1995-321943

PRIORITY APPLN. INFO.:  
19951211AB The liquid cleaning compns. contain (A) N-long chain acyl  
neutral amino acid  
salts, (B) amphoteric surfactants, and (C) polyoxyalkylene  
dioleic acid  
alkyl glucosides. Thus, a cleaning composition contained  
N-cocoylalanine triethanolamine salt 10, lauryl  
dimethylaminoacetic acid  
5, and Glucamate DOE 120 1 parts and balance water.

IT 91776-00-0

RL: TEM (Technical or engineered material use); USES (Uses)  
(orthoester-modified epoxy resins for compns. and  
anticorrosive  
coatings having good moldability and adhesion)

RN 91776-00-0 CAPLUS

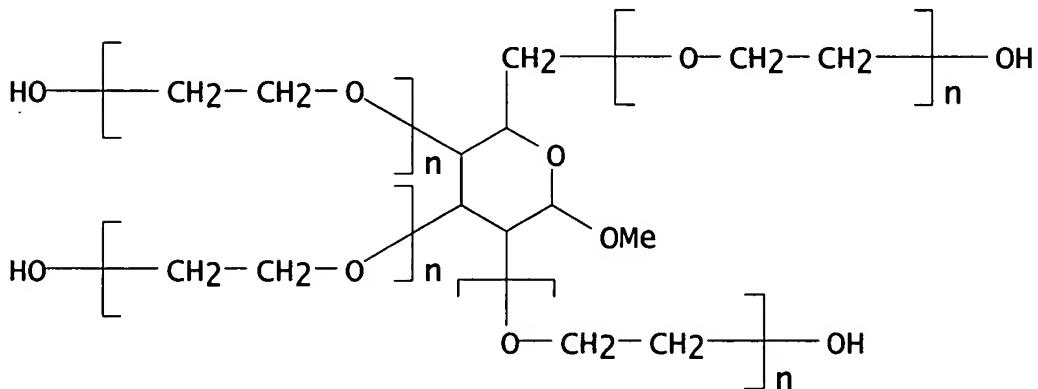
CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with  
methyl D-glucopyranoside (4:1), di-(9Z)-9-octadecenoate (9CI)(CA INDEX  
NAME)

CM 1

CRN 53026-67-8

CMF (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> C<sub>7</sub> H<sub>14</sub> O<sub>6</sub>

CCI PMS

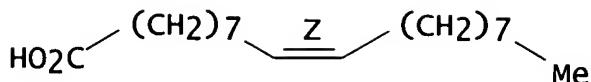


CM 2

CRN 112-80-1

CMF C<sub>18</sub> H<sub>34</sub> O<sub>2</sub>

Double bond geometry as shown.



L8 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1997:449061 CAPLUS  
 DOCUMENT NUMBER: 127:83133  
 TITLE: Liquid cleaning compositions containing long chain

INVENTOR(S): Sano, Keigo; Tagawa, Gu Tatsuki  
 PATENT ASSIGNEE(S): Ajinomoto Co., Inc., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.  
 CODEN: JKXXAF

DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
DATE	-----	-----	-----
-----	-----	-----	-----

JP 09157700 A2 19970617 JP 1995-321943  
 19951211

AB The liquid cleaning compns. contain (A) N-long chain acyl neutral amino acid salts, (B) amphoteric surfactants, and (C) polyoxyalkylene dioleic acid

alkyl glucosides. Thus, a cleaning composition contained N-cocoylalanine triethanolamine salt 10, lauryl dimethylaminoacetic acid

5, and Glucamate DOE 120 1 parts and balance water.

IT 91776-00-0, Glucamate DOE 120

RL: TEM (Technical or engineered material use); USES (Uses) (orthoester-modified epoxy resins for compns. and anticorrosive

coatings having good moldability and adhesion)

RN 91776-00-0 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with methyl D-glucopyranoside (4:1), di-(9Z)-9-octadecenoate (9CI)

(CA INDEX  
 NAME)

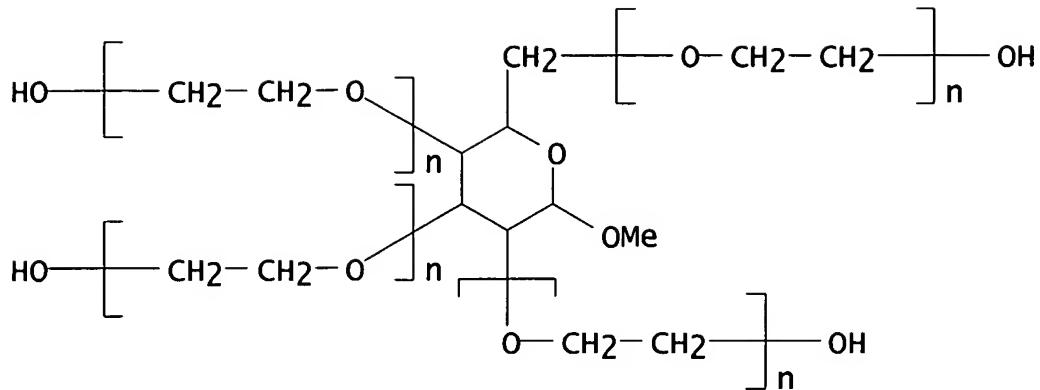
CM 1

CRN 53026-67-8

CMF (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> C<sub>7</sub> H<sub>14</sub> O<sub>6</sub>

CCI PMS

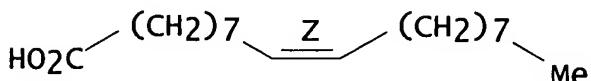
10/518,221



CM 2

CRN 112-80-1  
CMF C18 H34 O2

Double bond geometry as shown.



L8 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1995:794923 CAPLUS  
DOCUMENT NUMBER: 123:179545  
TITLE: Method of forming shaped hydrogel articles  
including  
diluents  
INVENTOR(S): Nunez, Ivan M.; Molock, Frank F.; Elliott,  
Laura D.;  
Ford, James D.  
PATENT ASSIGNEE(S): Johnson and Johnson Vision Products, Inc.,  
USA  
SOURCE: Can. Pat. Appl., 68 pp.  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
-----	-----	-----	-----	-----
19940715	CA 2128118	AA	19950123	CA 1994-2128118
19930722	US 5457140	A	19951010	US 1993-96145

IL 110123	A1	19980715	IL 1994-110123
19940624			
JP 07109415	A2	19950425	JP 1994-186858
19940718			
AU 9467568	A1	19950202	AU 1994-67568
19940719			
AU 677062	B2	19970410	
FI 9403460	A	19950123	FI 1994-3460
19940721			
NO 9402737	A	19950123	NO 1994-2737
19940721			
EP 642039	A2	19950308	EP 1994-305394
19940721			
EP 642039	A3	19950726	
EP 642039	B1	20011031	
SE	R: AT, BE, CH, DE, DK, ES, FR, GB, IE, IT, LI, LU, NL, PT,		
BR 9402904	A	19950411	BR 1994-2904
19940721			
HU 68045	A2	19950529	HU 1994-2146
19940721			
ZA 9405378	A	19960122	ZA 1994-5378
19940721			
AT 208046	E	20011115	AT 1994-305394
19940721			
SG 97730	A1	20030820	SG 1996-258
19940721			
CN 1105370	A	19950719	CN 1994-108160
19940722			
CN 1058025	B	20001101	
US 5684058	A	19971104	US 1995-410025
19950324			
US 5490959	A	19960213	US 1995-455948
19950531			
US 5490960	A	19960213	US 1995-456133
19950531			
US 5498379	A	19960312	US 1995-455357
19950531			
US 5594043	A	19970114	US 1995-454881
19950531			
US 5736409	A	19980407	US 1996-645999
19960514			
US 5910519	A	19990608	US 1997-918714
19970801			
HK 1003449	A1	20020412	HK 1998-102566
19980325			
PRIORITY APPLN. INFO.:			
19930722			
19950324			
AB Shaped hydrogel articles such as soft contact lenses are prepared by the steps of: (1) molding or casting a polymerization mixture comprising: (a) a monomer mixture comprising a major proportion of one or more hydrophilic monomers			
		US 1993-96145	A
		US 1995-410025	A3

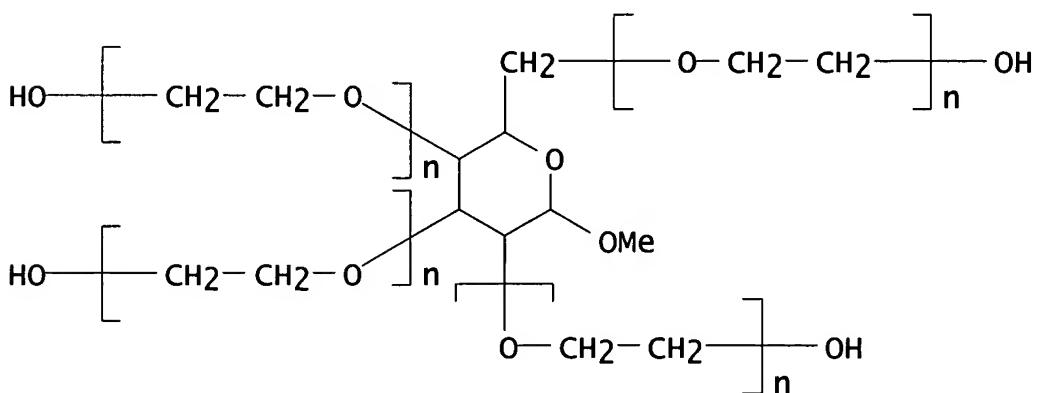
such as 2-hydroxyethyl methacrylate, and one or more crosslinking monomers; and (b) an inert, displaceable diluent selected from the group consisting of: (i) ethoxylated alkyl glucoside; (ii) ethoxylated bisphenol A; (iii) polyethylene glycol; (i.v.) mixture of propoxylated and ethoxylated alkyl glucoside; (v) single phase mixture of ethoxylated or propoxylated alkyl glucoside and C2-12 dihydric alc.; (vi) adduct of  $\epsilon$ -caprolactone and C2-6 alkanediols and triols; (vii) ethoxylated C3-6 alkanetriol; and (viii) mixts. of one or more of (i) through (vii), under conditions to polymerize said monomer mixture to produce a shaped gel of a copolymer of said monomers and said diluent; and (2) thereafter replacing said diluent with water.

IT 68239-42-9, Glucam E-20

RL: MOA (Modifier or additive use); POF (Polymer in formulation); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (forming shaped hydrogel articles including contact lenses using inert displaceable diluents)

RN 68239-42-9 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with methyl  $\beta$ -D-glucopyranoside (4:1) (9CI) (CA INDEX NAME)



IT 174588-08-0P

RL: POF (Polymer in formulation); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (forming shaped hydrogel articles including contact lenses using inert displaceable diluents)

RN 174588-08-0 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with

10/518,221

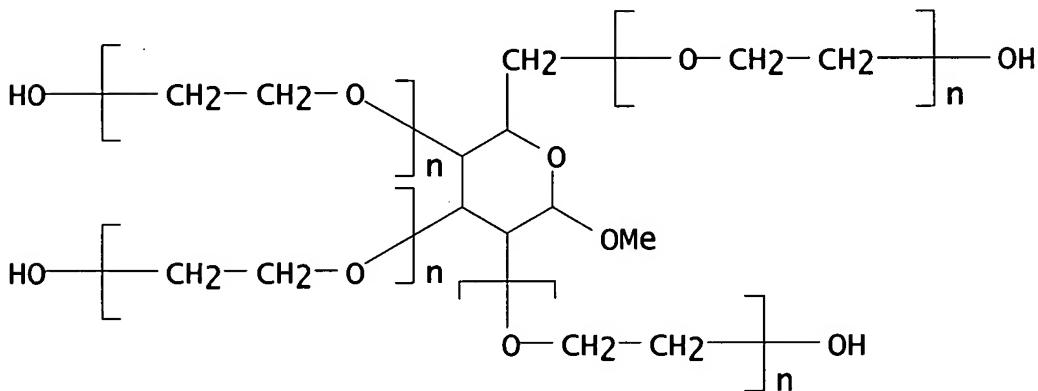
$\alpha$ -hydro- $\omega$ -hydroxypoly(oxy-1,2-ethanediyl),  
 $\alpha$ -hydro- $\omega$ -hydroxy[poly(oxy-1,2-ethanediyl)] ether with methyl  
 $\beta$ -D-glucopyranoside (4:1), 2-isocyanatoethyl  
2-methyl-2-propenoate  
and 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane  
(9CI)  
(CA INDEX NAME)

CM 1

CRN 68239-42-9

CMF (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> C<sub>7</sub> H<sub>14</sub> O<sub>6</sub>

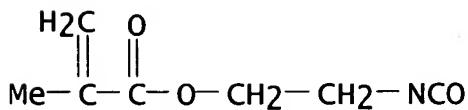
CCI PMS



CM 2

CRN 30674-80-7

CMF C<sub>7</sub> H<sub>9</sub> N O<sub>3</sub>

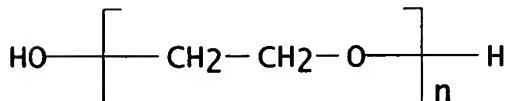


CM 3

CRN 25322-68-3

CMF (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> H<sub>2</sub> O

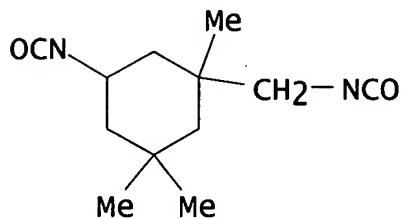
CCI PMS



10/518,221

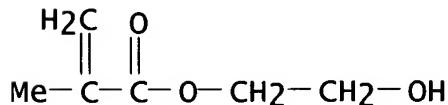
CM 4

CRN 4098-71-9  
CMF C12 H18 N2 O2



CM 5

CRN 868-77-9  
CMF C6 H10 O3

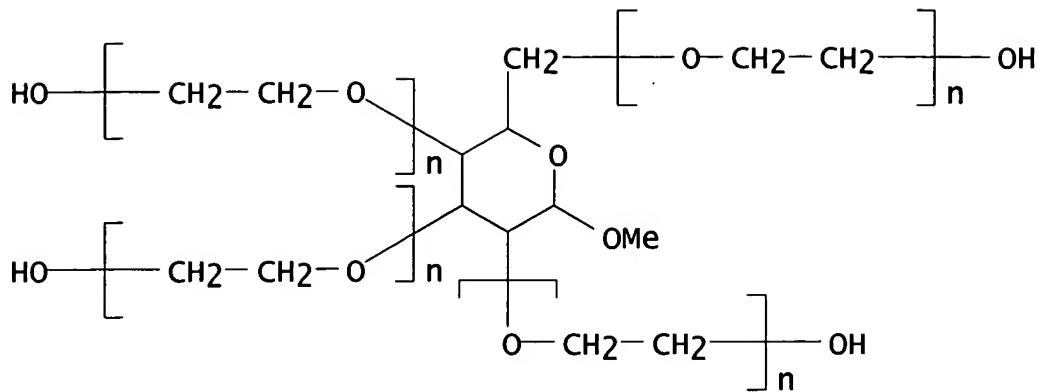


L8 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1995:420509 CAPLUS  
DOCUMENT NUMBER: 122:222456  
TITLE: Alkoxylated alkyl glucoside ether  
quaternaries useful in personal care  
INVENTOR(S): Polovskiy, Stuart B.; Moshel, Harold L.;  
Pavlichko,  
PATENT ASSIGNEE(S): Joseph P.; Friedman, Amnon  
Amerchol Corp., USA  
SOURCE: U.S., 10 pp. Cont.-in-part of U.S. 5,138,043.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
19920807	US 5384334	A	19950124	US 1992-927158
19891207	US 5138043	A	19920811	US 1989-447052
19901206	CA 2031656	AA	19910608	CA 1990-2031656

CA 2031656 C 19971028  
 JP 04364197 A2 19921216 JP 1990-412812  
 19901206  
 JP 07049434 B4 19950531  
 AT 131486 E 19951215 AT 1990-123467  
 19901206  
 ES 2080780 T3 19960216 ES 1990-123467  
 19901206  
 PRIORITY APPLN. INFO.: US 1989-447052 A2  
 19891207  
 AB AlkoxyLATED alkyl glucosides having quaternary  
 nitrogen-containing ether substituents possess the functionality  
 of cationics  
 combined with extreme mildness to skin and hair along with  
 stability in  
 personal care compns. enabling wide spread utility. For  
 example, a  
 conditioning shampoo contained Me gluceth-10 hydroxypropylene  
 dimethyldodecylammonium chloride 1.0, citric acid 0.5,  
 ethoxylated Me  
 glucose dioleate 3.5, preservatives 1.0, lauryl sulfate  
 triethanolamine  
 (40% aqueous) 25.0, lauramide diethanolamine 5.0, and deionized  
 water 64.0%.  
 IT 91776-00-0, Glucamate DOE 120  
 RL: BUU (Biological use, unclassified); BIOL (Biological study);  
 USES  
 (Uses)  
 (alkoxyLATED alkyl glucoside ether quaternaries for  
 cosmetics)  
 RN 91776-00-0 CAPLUS  
 CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with  
 methyl D-glucopyranoside (4:1), di-(9Z)-9-octadecenoate (9CI)  
 (CA INDEX  
 NAME)  
 CM 1  
 CRN 53026-67-8  
 CMF (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> C<sub>7</sub> H<sub>14</sub> O<sub>6</sub>  
 CCI PMS

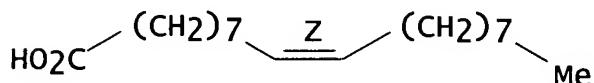
10/518,221



CM 2

CRN 112-80-1  
CMF C18 H34 O2

Double bond geometry as shown.

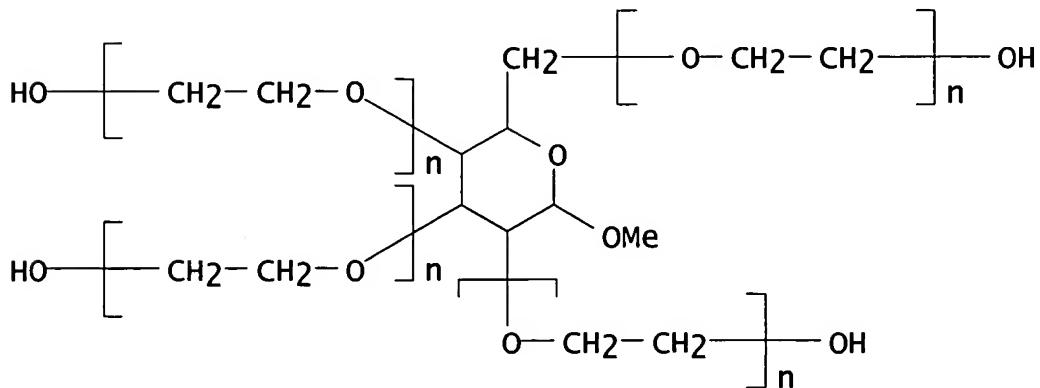


IT 68239-42-9

RL: RCT (Reactant); RACT (Reactant or reagent)  
(alkoxylated alkyl glucoside ether quaternaries for  
cosmetics)

RN 68239-42-9 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with  
methyl  $\beta$ -D-glucopyranoside (4:1) (9CI) (CA INDEX NAME)

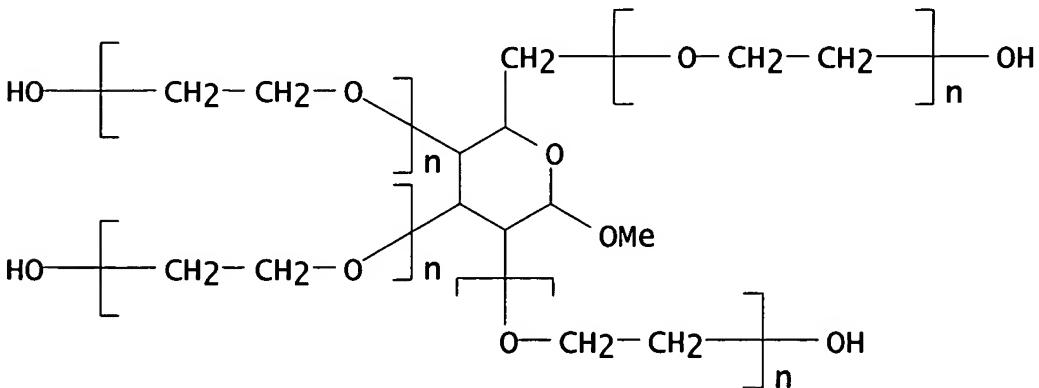


L8 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1992:241717 CAPLUS  
DOCUMENT NUMBER: 116:241717

10/518,221

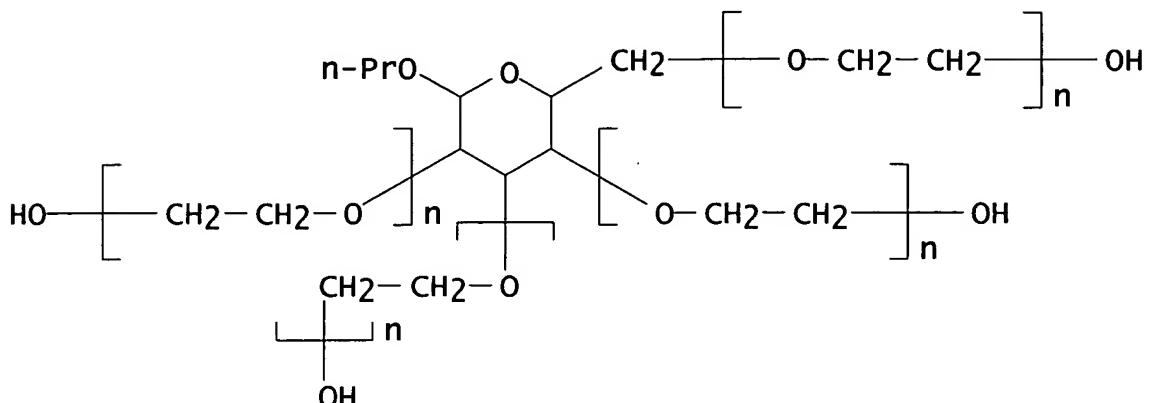
TITLE: Hair cosmetics containing silicone oils and polyoxyalkylene alkyl glucosides  
INVENTOR(S): Nakazawa, Hideyuki; Suzuki, Naoki  
PATENT ASSIGNEE(S): Lion Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
-----	-----	-----	-----	-----
-----	JP 04001120	A2	19920106	JP 1990-100790
19900417	JP 2870966	B2	19990317	JP 1990-100790
PRIORITY APPLN. INFO.:		JP 1990-100790		
19900417	AB Hair cosmetics contain silicone oils and C2 and/or C3 alkylene oxide (1-30 mol) adducts of glucoside having C1-4 (branched) alkyl group on the O atom of the 1-position. The cosmetics show hair-smoothing effect. Palmityltrimethylammonium bromide 1.0, palmityl alc. 1.0, polyoxypropylene Bu ether 0.2, amino-modified silicone 0.5, polyoxyethylene Pr glucoside 1.0, Me p-hydroxybenzoate 0.2, propylene glycol 8.0, perfumes, and H <sub>2</sub> O to 100.0 weight% were mixed to give a hair preparation			
IT	53026-67-8 141123-85-5 RL: BIOL (Biological study) (hair cosmetics containing silicone oils and)			
RN	53026-67-8 CAPLUS			
CN	Poly(oxy-1,2-ethanediyl), $\alpha$ -hydro- $\omega$ -hydroxy-, ether with methyl D-glucopyranoside (4:1) (9CI) (CA INDEX NAME)			



RN 141123-85-5 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with propyl D-glucopyranoside (4:1) (9CI) (CA INDEX NAME)



L8 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1992:113312 CAPLUS  
DOCUMENT NUMBER: 116:113312  
TITLE: Hair and skin cosmetic emulsions containing  
polyoxyalkylene alkyl glucosides  
INVENTOR(S): Suzuki, Naoki; Kurokawa, Hideo  
PATENT ASSIGNEE(S): Lion Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
	-----	-----	-----	-----
	JP 03264514	A2	19911125	JP 1990-62241

19900313  
PRIORITY APPLN. INFO.: JP 1990-62241  
19900313

19900313 The title normative contains (A) C2 and/or C3 allusion

AB The title cosmetics contain (A) C2 and/or C3 alkylene oxide (1-30 mol)

adducts of alkyl glucoside having C1-4 (branched) alkyl group on the O atom of the 1-position, (B) lipophilic nonionic surfactants with hydrophile/lipophile balance (HLB)  $\geq 5.0$ , (C) oily substances and (D) waxes. The emulsions show good stability.

substances, and (D) H<sub>2</sub>O. The emulsions show good stability. Glycerin monostearate (HLB = 4.0) 2.5, polyoxyethylene Me glucoside 1.5, cetanol 3.0, liquid paraffin 5.0, squalane 5.0, iso-Pr palmitate 30, Pr p-hydroxybenzoate 0.1, glycerin 5.0, perfumes, and H<sub>2</sub>O to 100 weight% were

10/518,221

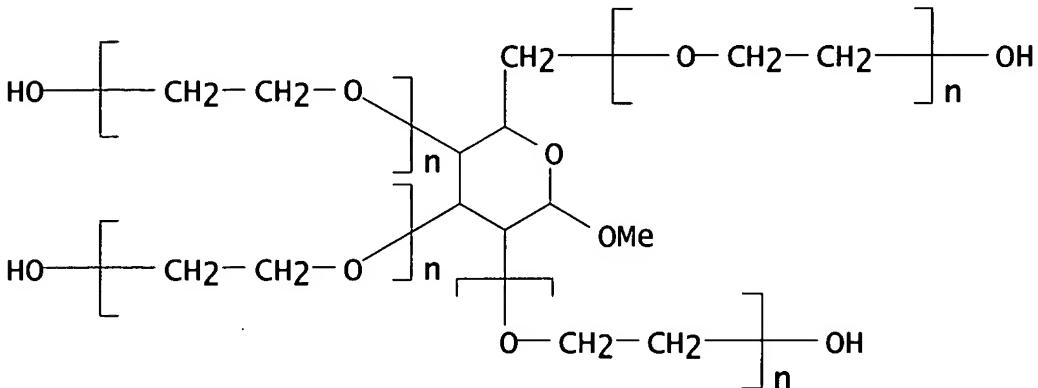
mixed to give a cosmetic emulsion, which was kept at 50° for 1 mo to show no separation

IT 53026-67-8

RL: BIOL (Biological study)  
(cosmetic emulsions containing surfactants and oils and, stable)

RN 53026-67-8 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with methyl D-glucopyranoside (4:1) (9CI) (CA INDEX NAME)



L8 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1992:27808 CAPLUS

DOCUMENT NUMBER: 116:27808

TITLE: Skin and hair preparation containing  
alkoxylated

INVENTOR(S): Polovsky, Stuart Barry; Moshel, Harold Leon;  
Pavlichko, Joseph Peter; Friedman, Amnon

PATENT ASSIGNEE(S): Union Carbide Chemicals and Plastics Co.,  
Inc., USA

SOURCE: Eur. Pat. Appl., 15 pp.  
CODEN: EPXXDW

DOCUMENT TYPE: Patent

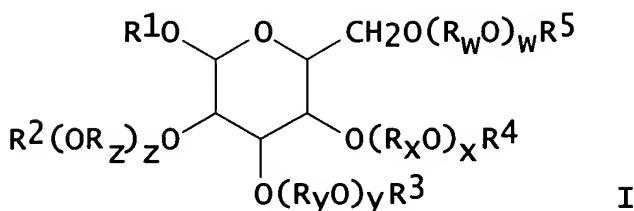
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
19901206	EP 432646	A2	19910619	EP 1990-123467
19891207	EP 432646	A3	19930303	
	EP 432646	B1	19951213	
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE US 5138043	A	19920811	US 1989-447052
19901206	CA 2031656	AA	19910608	CA 1990-2031656

CA 2031656	C	19971028	
JP 04364197	A2	19921216	JP 1990-412812
19901206			
JP 07049434	B4	19950531	
AT 131486	E	19951215	AT 1990-123467
19901206			
ES 2080780	T3	19960216	ES 1990-123467
19901206			
PRIORITY APPLN. INFO.:			US 1989-447052 A
19891207			
GI			



AB Alkoxylated alkyl glucosides having quaternary N-containing ether substituents (I;  $\text{R}_w$ ,  $\text{R}_x$ ,  $\text{R}_y$ ,  $\text{R}_z$  = ethylene group, propylene group;  $w + x + y + z = 1-200$ ;  $\text{R}$  = alkyl;  $\text{R}^2$ ,  $\text{R}^3$ ,  $\text{R}^4$ ,  $\text{R}^5$  = H, unsubstituted or O-containing hydrocarbyl or quaternary N-containing group) possess cationic utility combined with extreme mildness and low irritancy to skin and hair along with stability in health care preps. Glucam E-10 was added to a solution of 3-chloro-2-hydroxypropyl dimethyldodecyl ammonium chloride under N at  $30^\circ$ , followed by addition of NaOH and Na tetrahydroborate and allowed to react at  $60^\circ$  for 5h. The mixture then was neutralized with tartaric acid and the organic layer was vacuum-dried to obtain Me gluceth-10-hydroxypropylene dimethyldodecyl ammonium chloride (II). A clear conditioning shampoo contained II 1.00, citric acid 0.50, Glucamate DOE-120 (ethoxylated Me glucose dioleate) 3.5, Germaben II 1.0, triethanolamine-lauryl sulfate (40% solution) 25.00, lauramide diethanolamine 5.00, water 64.00%.

IT 138089-16-4P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation and reaction of, with dimethyldodecylamine)

RN 138089-16-4 CAPLUS

10/518,221

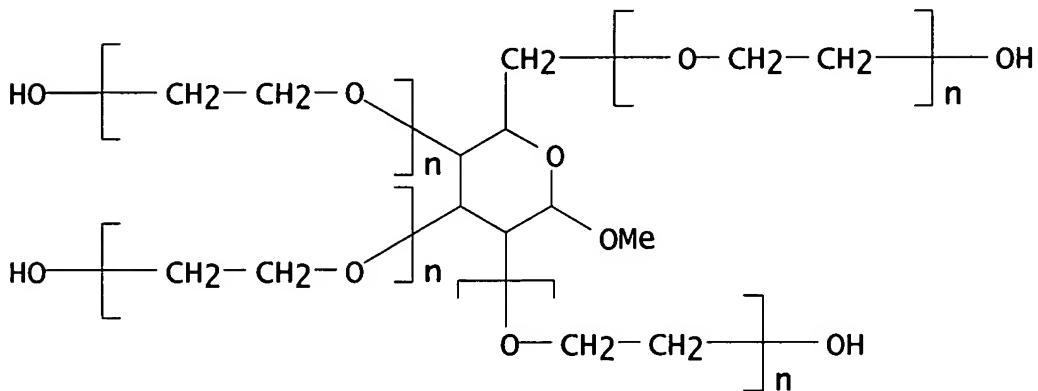
CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with  
methyl D-glucopyranoside (4:1), monoether with  
3-chloro-1,2-propanediol  
(9CI) (CA INDEX NAME)

CM 1

CRN 53026-67-8

CMF (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> C<sub>7</sub> H<sub>14</sub> O<sub>6</sub>

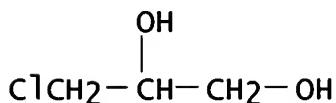
CCI PMS



CM 2

CRN 96-24-2

CMF C<sub>3</sub> H<sub>7</sub> Cl O<sub>2</sub>



IT 138048-91-6P

RL: BIOL (Biological study); PREP (Preparation)  
(preparation of, for cosmetics)

RN 138048-91-6 CAPLUS

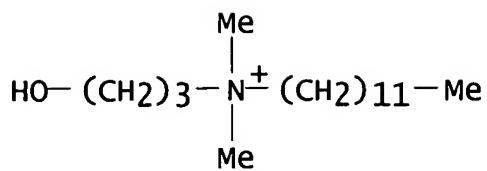
CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with  
methyl O-[3-(dodecyldimethylammonio)propyl] D-glucopyranoside  
chloride  
(4:1) (9CI) (CA INDEX NAME)

CM 1

CRN 138048-90-5

CMF C<sub>17</sub> H<sub>38</sub> N O

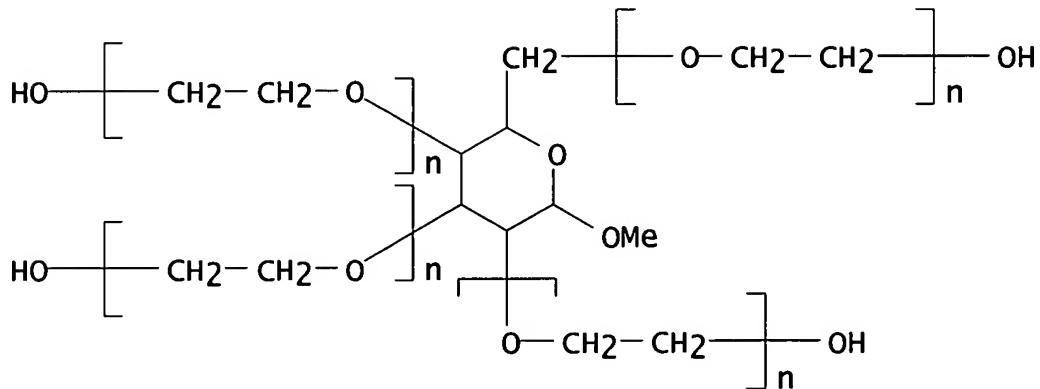
10/518,221



CM 2

CRN 53026-67-8

CMF (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> C<sub>7</sub> H<sub>14</sub> O<sub>6</sub>  
CCI PMS

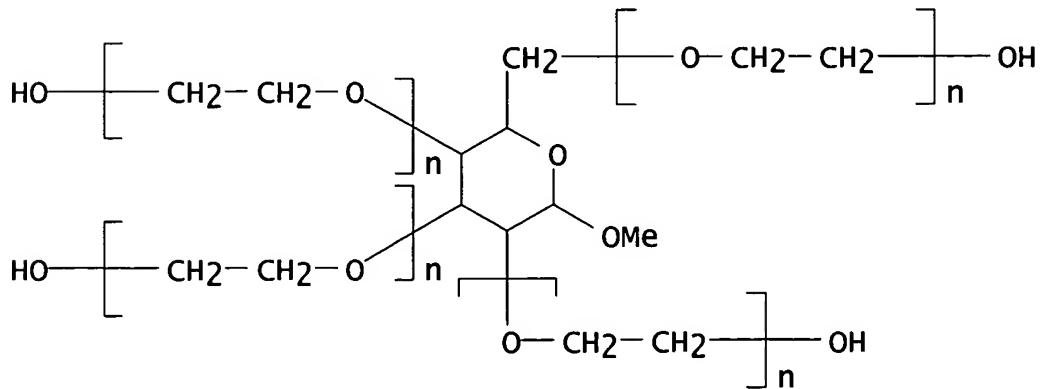


IT 53026-67-8, Glucam E-10

RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with Quab 342)

RN 53026-67-8 CAPLUS

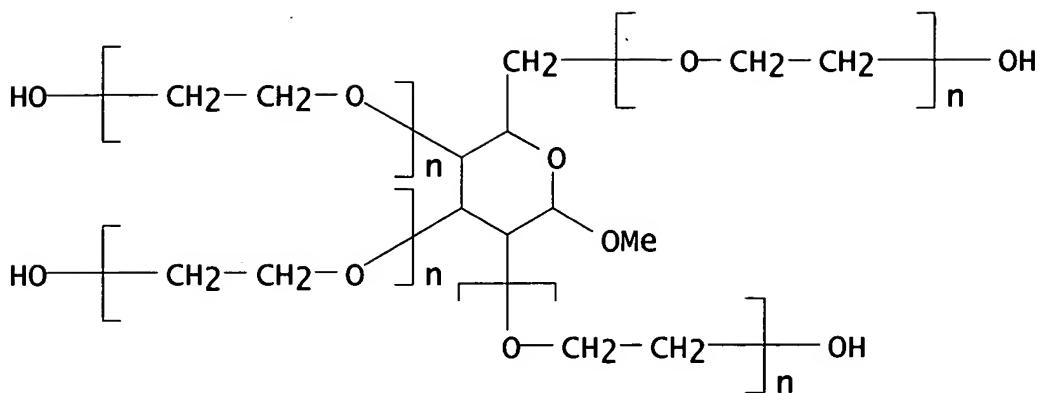
CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with  
methyl D-glucopyranoside (4:1) (9CI) (CA INDEX NAME)



10/518,221

DOCUMENT NUMBER: 106:182463  
TITLE: Cosmetics containing polyhydric alcohol,  
alkyl  
INVENTOR(S): glucoside polyoxyalkylene ether, and lecithin  
Nakamura, Makoto; Moro, Osamu  
PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.
DATE	-----	-----	-----	-----
19850701	JP 62004214	A2	19870110	JP 1985-144260
19850701	JP 01010484	B4	19890222	JP 1985-144260
PRIORITY APPLN. INFO.: AB A cosmetic contains a soluble polyhydric alc. at 5-40% by weight, alkyl glucoside polyoxyalkylene ether, and lecithin. The tacky property of the alc. is eliminated by the addition of the latter 2 components. Thus, a cleansing cream contained cetanol 2.0, beeswax 1.0, solid paraffin 1.0, stearic acid 2.0, vaseline 10.0, liquid paraffin 35.0, polyoxyethylene sorbitan stearate 2.4, glyceryl monostearate 2.6, propylparaben 0.3, soybean lecithin 5.0, a perfume 0.3, 1,3-butylene glycol 5.0, maltitol 5.0, Me glucoside polyoxyethylene ether 1.0, H2O 27.2, and KOH 0.08% by weight				
IT	53026-67-8	RL: BIOL (Biological study) (cosmetics containing polyhydric alcs. and lecithin and)		
RN	53026-67-8 CAPLUS			
CN	Poly(oxy-1,2-ethanediyl), $\alpha$ -hydro- $\omega$ -hydroxy-, ether with methyl D-glucopyranoside (4:1) (9CI) (CA INDEX NAME)			

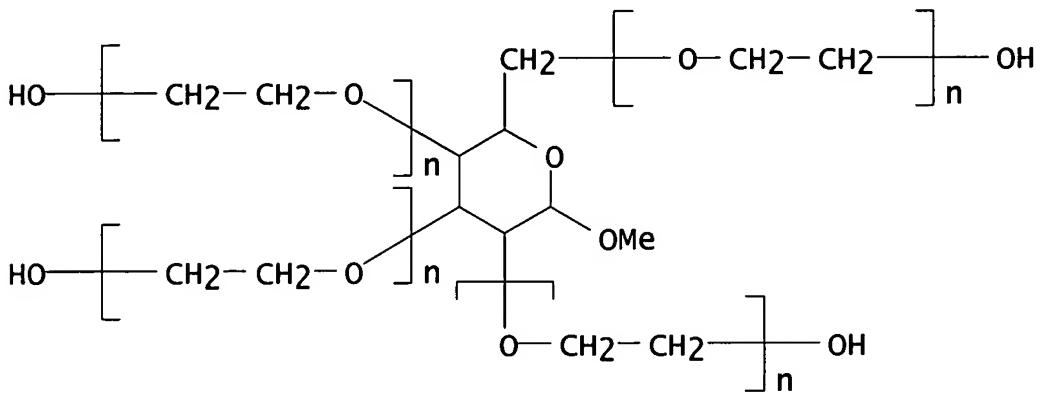


L8 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1987:72721 CAPLUS  
 DOCUMENT NUMBER: 106:72721  
 TITLE: Cosmetics containing mucopolysaccharides and  
 alkyl glucoside polyoxyalkylene  
 ethers  
 INVENTOR(S): Moro, Osamu; Nishiyama, Seiji; Kumano,  
 Yoshimaru  
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
19850416	JP 61238709	A2	19861024	JP 1985-80962
	JP 01010485	B4	19890222	
19850416	PRIORITY APPLN. INFO.:			JP 1985-80962

AB Cosmetics contain mucopolysaccharides 0.001-5.0 and alkyl  
 glucoside polyoxyalkylene ethers 0.002-10.0% by weight. The  
 cosmetic  
 is not tacky, and it is applied smoothly to the skin and has good  
 moisturizing effects. Thus, a skin cream was prepared  
 consisting of cetanol  
 5, stearic acid 3, vaseline 7, squalane 10, iso-Pr myristate 2,  
 glyceryl  
 monostearate 3, 1 ethylparaben 0.2, a perfume 0.2, Na  
 hyaluronate 0.5, Me  
 glucoside polyoxyethylene ether 5, KOH 0.2, and H<sub>2</sub>O to 100% by  
 weight  
 IT 53026-67-8  
 RL: BIOL (Biological study)

(cosmetics containing mucopolysaccharides and)  
 RN 53026-67-8 CAPLUS  
 CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with  
 methyl D-glucopyranoside (4:1) (9CI) (CA INDEX NAME)



L8 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1986:578237 CAPLUS

DOCUMENT NUMBER: 105:178237

TITLE: Cosmetic creams

INVENTOR(S): Moro, Osamu; Takayabu, Tsuneo

PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.
DATE	-----	-----	-----	-----
19850118	JP 61167608	A2	19860729	JP 1985-6823
19850118	JP 01010483	B4	19890222	JP 1985-6823

PRIORITY APPLN. INFO.: JP 1985-6823  
 19850118

AB Skin prepns. contain a water-soluble polyhydric alc. in combination with a polyoxyalkylene alkyl glucoside ether in a molar ratio of 1:>0.1. The prepns. deliver good moisturizing effects to the skin.

Thus, a cream was formulated containing cetanol 5.0, stearic acid 3.0, vaseline 7.0, squalane 10.0, iso-Pr myristate 2.0, glyceryl monostearate

3.0, ethylparaben 0.2, perfume 0.2, dipropylene glycol 10.0, polyoxyethylene Me glucoside ether 5.0, KOH 0.2, and water 54.4% by weight

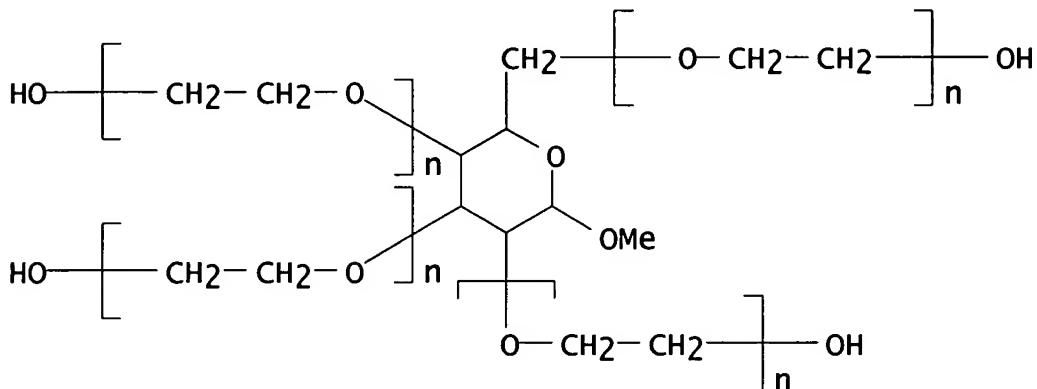
10/518,221

IT 53026-67-8

RL: BIOL (Biological study)  
(skin prepns. containing)

RN 53026-67-8 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with  
methyl D-glucopyranoside (4:1) (9CI) (CA INDEX NAME)



L8 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1985:187108 CAPLUS

DOCUMENT NUMBER: 102:187108

TITLE: Mild cleaning compositions

INVENTOR(S): Le Foyer de Costil, Carole; Ayache, Liliane

PATENT ASSIGNEE(S): Oreal S. A. , Fr.

SOURCE: Ger. Offen., 23 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

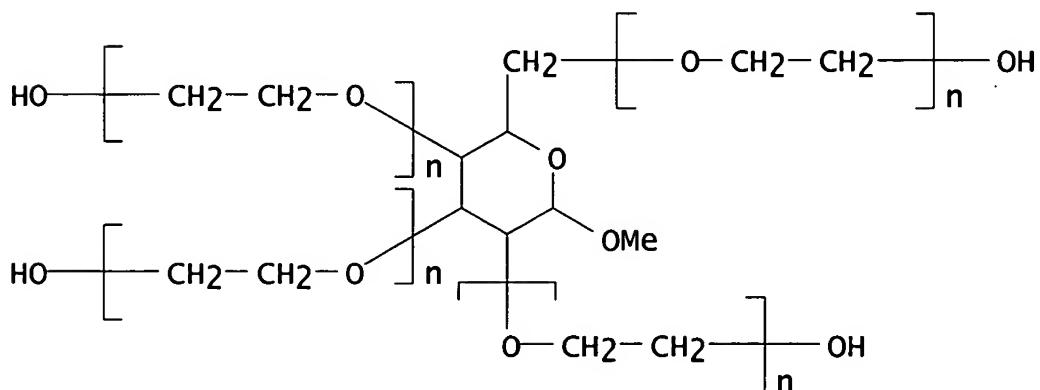
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
-----	-----	-----	-----	-----
19831010	DE 3336760	A1	19840412	DE 1983-3336760
19831005	DE 3336760	C2	19911114	CA 1983-438406
19831010	CA 1205747	A1	19860610	CA 1983-438406
19831010	BE 897961	A1	19840410	BE 1983-211680
19831010	FR 2534270	A1	19840413	FR 1983-16085
19831010	FR 2534270	B1	19860704	NL 1983-3471
19831010	NL 8303471	A	19840501	NL 1983-3471
19831010	GB 2128627	A1	19840502	GB 1983-27031
19831010	GB 2128627	B2	19870114	

10/518,221

ES 526357 A1 19851116 ES 1983-526357  
 19831010 JP 59130210 A2 19840726 JP 1983-189779  
 19831011 JP 03036804 B4 19910603  
 CH 658991 A 19861231 CH 1983-5532  
 19831011  
 PRIORITY APPLN. INFO.: LU 1982-84416 A  
 19821011  
 AB A nonionic surfactant such as ethoxylated Me glucoside dioleate  
 [ 91776-00-0] or an alkyl or hydroxyalkyl polyglycoside is used  
 with a nonionic polymer such as an alkyl or hydroxyalkyl cellulose, an  
 acrylamide polymer [9003-05-8], comprising mainly  $\text{CH}_2\text{CH}_2\text{CONH}$   
 units, or poly(vinylpyrrolidinone) [9003-39-8] in the preparation of mild  
 compns. for washing skin and removing makeup from skin. Thus, a mixture of  
 Triton CG-110-60 [92047-66-0] (alkyl glucoside) 8, Tween  
 202, hydroxyethyl cellulose [9004-62-0] 0.3,  
 hexamidinediisothionate 0.05, and water 89.65% was useful for washing skin.  
 IT 91776-00-0  
 RL: USES (Uses)  
 (skin-cleaning and makeup-removal compns. containing)  
 RN 91776-00-0 CAPLUS  
 CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with  
 methyl D-glucopyranoside (4:1), di-(9Z)-9-octadecenoate (9CI)  
 (CA INDEX  
 NAME)  
 CM 1  
 CRN 53026-67-8  
 CMF  $(\text{C}_2\text{H}_4\text{O})_n$   $(\text{C}_2\text{H}_4\text{O})_n$   $(\text{C}_2\text{H}_4\text{O})_n$   $(\text{C}_2\text{H}_4\text{O})_n$  C7 H14 O6  
 CCI PMS

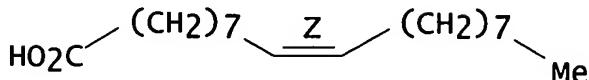


10/518,221

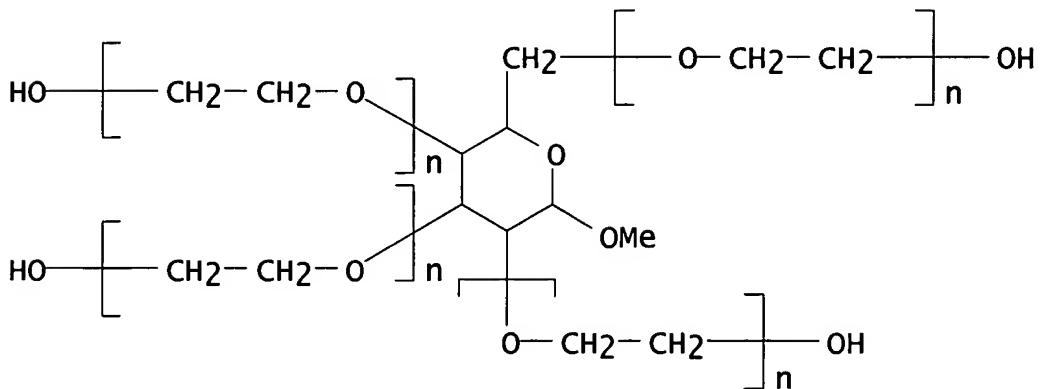
CM 2

CRN 112-80-1  
CMF C18 H34 O2

Double bond geometry as shown.



L8 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1974:482236 CAPLUS  
DOCUMENT NUMBER: 81:82236  
TITLE: New glucose derivatives in skin lotions  
AUTHOR(S): Conrad, Lester I.  
CORPORATE SOURCE: Amerchol Unit, CPC Int. Inc., Edison, NJ, USA  
SOURCE: Cosmetics and Perfumery (1974), 89(3), 33-4  
CODEN: CSPEAX; ISSN: 0090-6581  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
AB Alkylated methyl glucosides are used as emollients in skin lotion formulations.  
IT 53026-67-8  
RL: BIOL (Biological study)  
(emollients, for skin lotions)  
RN 53026-67-8 CAPLUS  
CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with  
methyl D-glucopyranoside (4:1) (9CI) (CA INDEX NAME)



=>